

Converting Colors

HunterLab(70.0545, -23.2330,
42.7605)

Have a look what the booklet for
HunterLab(70.0545, -23.2330,
42.7605) contains.

HunterLab(70.0696, -23.1597, 42.7711)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(70.0696,
-23.1597, 42.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C300
RGB	183, 195, 0
RGB Percent	72%, 76%, 0%
CMY	0.2824, 0.2353, 0.9999
CMYK	0.06, 0.00, 1.00, 0.24
HSL	64°, 100%, 38%
HSV	64°, 100%, 76%
XYZ	39.0435, 49.0975, 7.4190
YIQ	169.1820, 55.4430, -63.1890

Conversions

Conversions Part 2

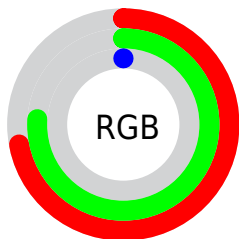
Format	Color
RYB	0, 195, 12
Decimal	12043008
CIELab	75.51, -22.77, 76.09
CIELCh	76, 79.423, 106.658
Yxy	49.0998, 0.4086, 0.5138
Android (android.graphics.Color)	4290233088 (0xFFB7C300)
YUV	169.1820, -83.4067, 12.1184
Hunter-Lab	70.0696, -23.1597, 42.7711

Details

The HunterLab color **70.0696, -23.1597, 42.7711** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **20.0480, 53.9806, -139.4006**, and the grayscale version is **63.3832, -3.3820, 3.4437**.

A 20% lighter version of the original color is **94.1585, -26.4219, 52.5309**, and **48.6888, -18.7366, 29.6738** is the 20% darker color. If you saturate the color by 10%, you get **70.0711, -23.1627, 42.7720**, and if you desaturate by 10%, it is **70.2114, -22.5666, 42.3286**.

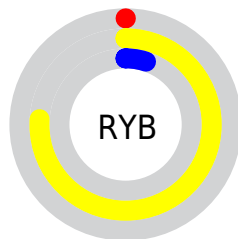
Distribution



Red (72%)

Green (76%)

Blue (0%)



Red (0%)

Yellow (76%)

Blue (5%)

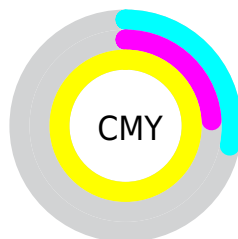


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0696, -23.1597, 42.7711 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 70.0696, -23.1597, 42.7711 by changing the saturation by 10% instead.

70.0696, -23.1597,
42.7711

70.0696, -23.1597,
42.7711

195.7383,
-38.6097, 82.2304

58.9055, -21.3420,
37.5664

94.2548, -26.6979,
52.5544

48.4054, -19.4713,
32.1298

107.2134,
-28.4302, 57.1753

38.6160, -17.5315,
26.7756

120.7168,
-30.1465, 61.6430

29.5933, -15.4952,
20.7153

134.7439,
-31.8509, 65.9753

21.4089, -13.3185,
14.9862

149.2758,
-33.5470, 70.1877

14.1597, -10.9243,
9.9118

164.2955,

7.8126, -13.1156,

-35.2374, 74.2935

5.4688

179.7877,
-36.9243, 78.3044

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0696, -23.1597,
42.7711

■ 70.0696, -23.1597,
42.7711

■ 70.0711, -23.1627,
42.7720

■ 70.2114, -22.5666,
42.3286

■ 70.3870, -21.7705,
41.3725

■ 70.6102, -20.7062,
39.7269

■ 70.8867, -19.3423,
37.3090

■ 71.2212, -17.6555,

34.0552

■ 71.6176, -15.6284,
29.9176

■ 72.0791, -13.2487,
24.8615

■ 72.6081, -10.5087,
18.8638

■ 73.2066, -7.4049,
11.9122

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0712, 13.6110, 43.0418



70.0696, -23.1597, 42.7711



70.0712, -48.6936, 36.3668

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0712, -23.1620, 42.7715



70.0712, -46.5325, -66.2730



70.0712, 80.7126, -13.8521

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70.0696, -23.1597, 42.7711



20.0480, 53.9806, -139.4006

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0712, 56.5036, -61.1360



70.0696, -23.1597, 42.7711



70.0712, -19.5561, -100.5232

Square

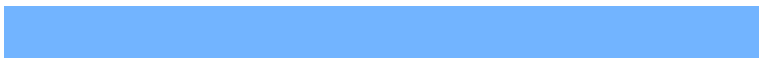
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0712, -23.1620, 42.7715



70.0712, -60.1219, -18.7289



70.0712, 18.0530, -98.2644



70.0712, 79.1785, 20.7062

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0696, -23.1597, 42.7711



70.0712, -58.2377, 25.8413



70.0712, 18.0530, -98.2644



70.0712, 75.1306, -29.0097

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.0712, -23.1620, 42.7715



96.4283, -17.8927, 33.6218



34.3729, 57.2788, 22.1821



44.9964, -9.0368, 17.1548

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0712, -23.1620, 42.7715



93.7508, -31.0793, 57.2247



64.1060, -46.6990, 38.6837



34.2429, -3.3656, 5.3512



56.5011, -18.6280, 34.4896



11.7858, -3.7172, 7.1973

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.0480, 53.9806, -139.4006



26.7638, 72.2002, -187.0928



26.6139, 60.3776, -97.5706



31.2681, -0.0044, -2.1309



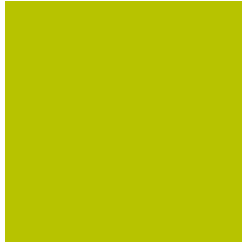
16.2010, 43.5511, -112.0604



3.5188, 9.1704, -22.1010

Previews

White Background



This preview shows how the HunterLab color 70.0696, -23.1597, 42.7711 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 70.0696, -23.1597, 42.7711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 70.0696, -23.1597, 42.7711 Background



This preview shows how black text looks on a background with the HunterLab color 70.0696, -23.1597, 42.7711.



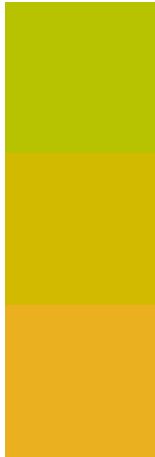
This preview shows how white text looks on a background with the HunterLab color 70.0696, -23.1597, 42.7711.

-23.1597, 42.7711.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.0696, -23.1597, 42.7711

Protanopia

69.8709, -9.5162, 42.8875

Deuteranopia

69.7438, 5.1599, 41.9641



Tritanopia

69.8986, 3.8305, -0.6556

Trichromacy



Original Color

70.0696, -23.1597, 42.7711

Protanomaly

69.7672, -14.5915, 42.7347

Deuteranomaly

69.5446, -5.9859, 42.1840

Tritanomaly

69.1227, -10.0904, 26.0602

Monochromacy



Original Color

70.0696, -23.1597, 42.7711

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

64.7473, -13.8324, 26.6633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0696, -23.1597, 42.7711 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(183, 195, 0)` looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(183, 195, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0696, -23.1597, 42.7711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 195, 0) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(183, 195, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(183, 195, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 195, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 195, 0);  
box-shadow:4px 4px 4px 4px rgb(183, 195,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0696, -23.1597, 42.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(183,  
195, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor